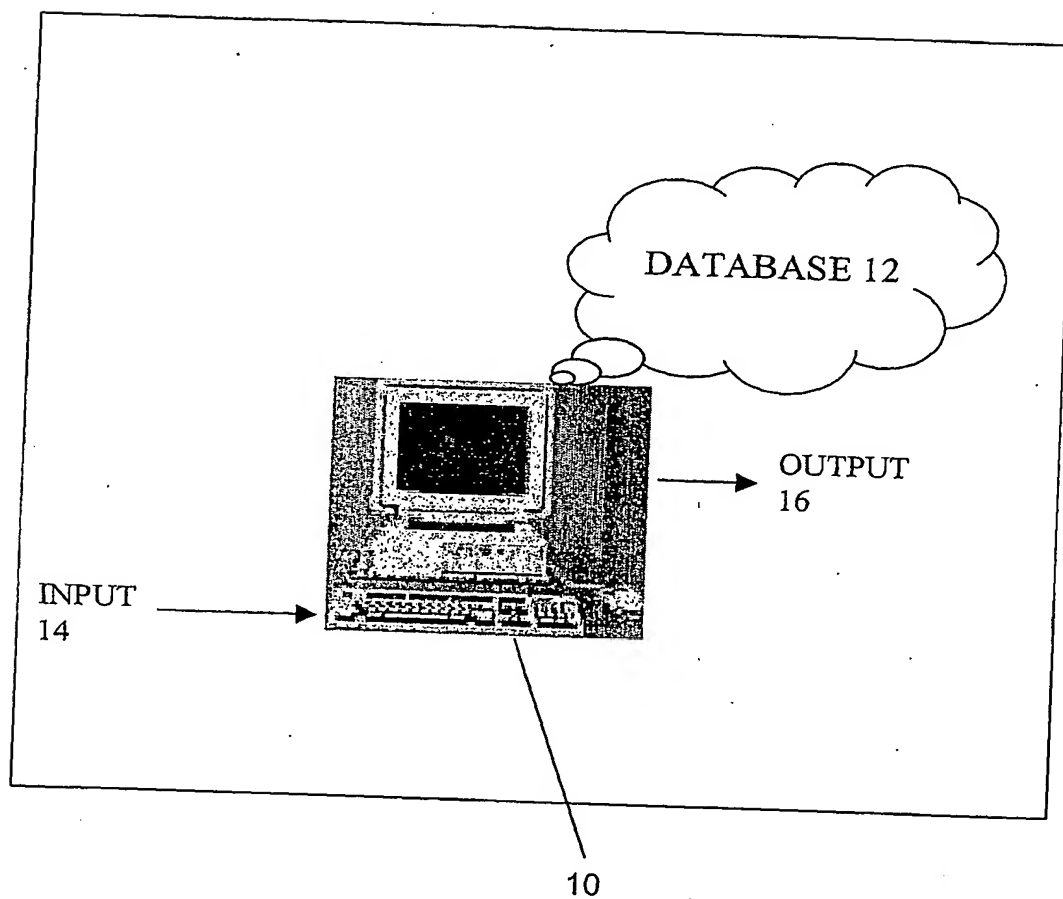


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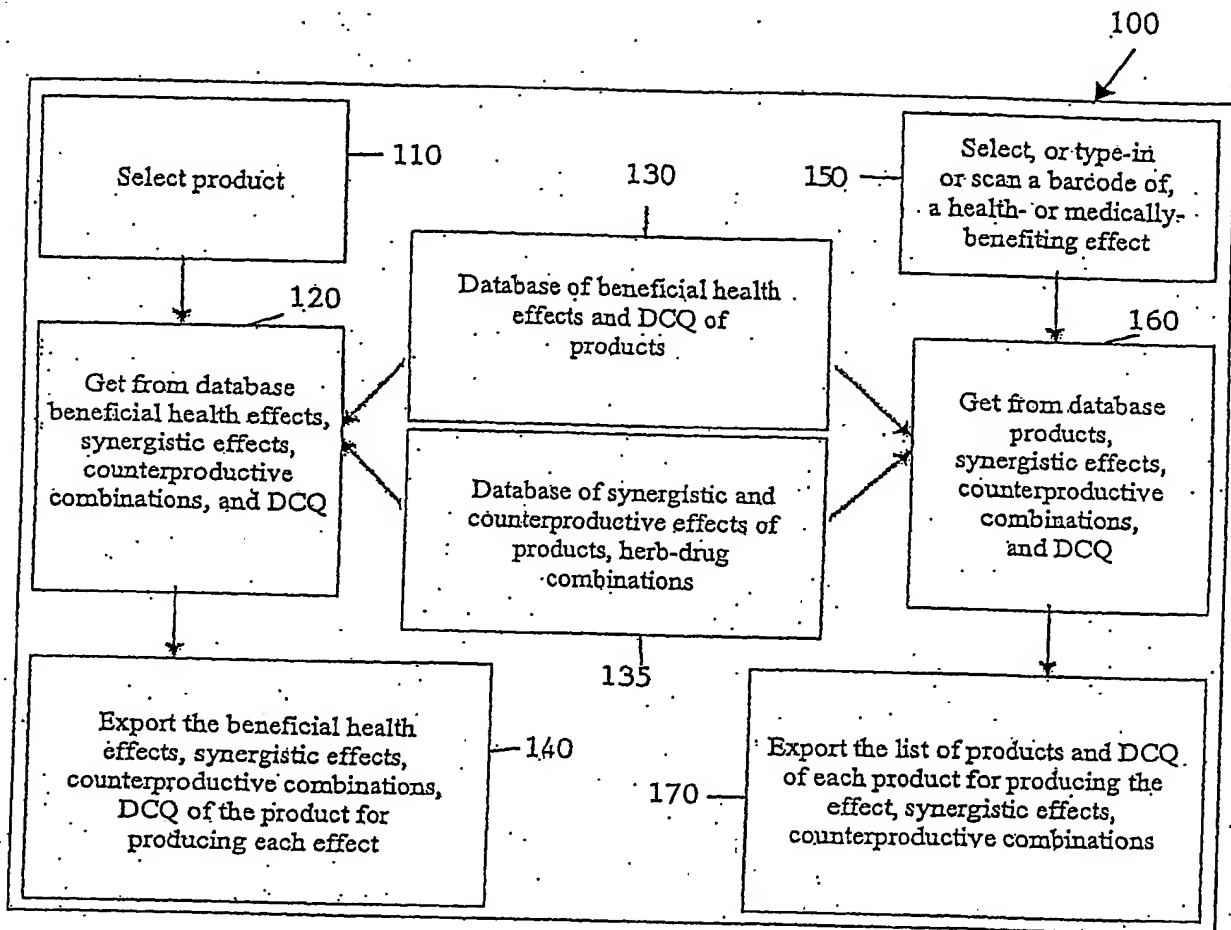
FIGURE 1



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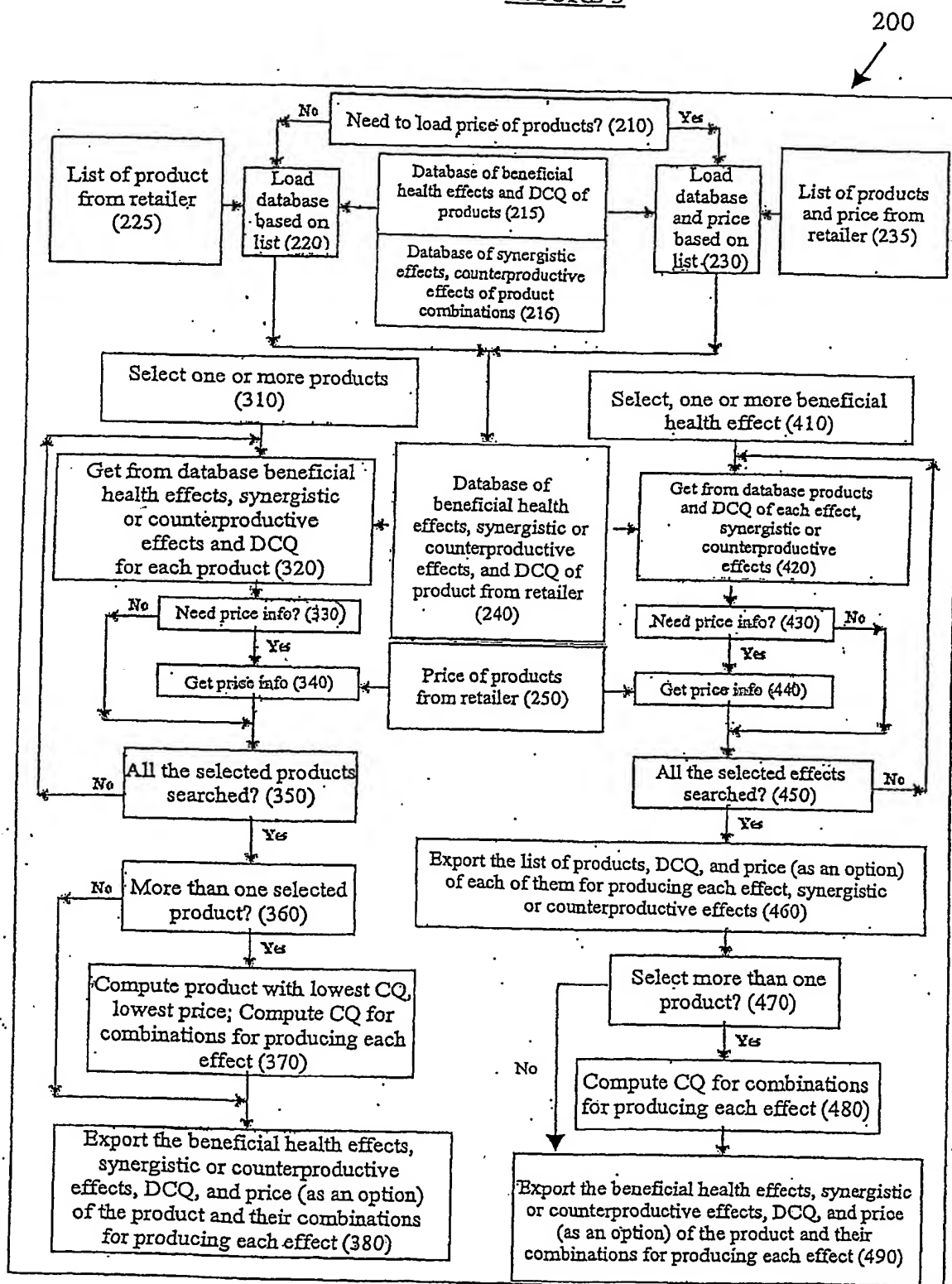
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FIGURE 2



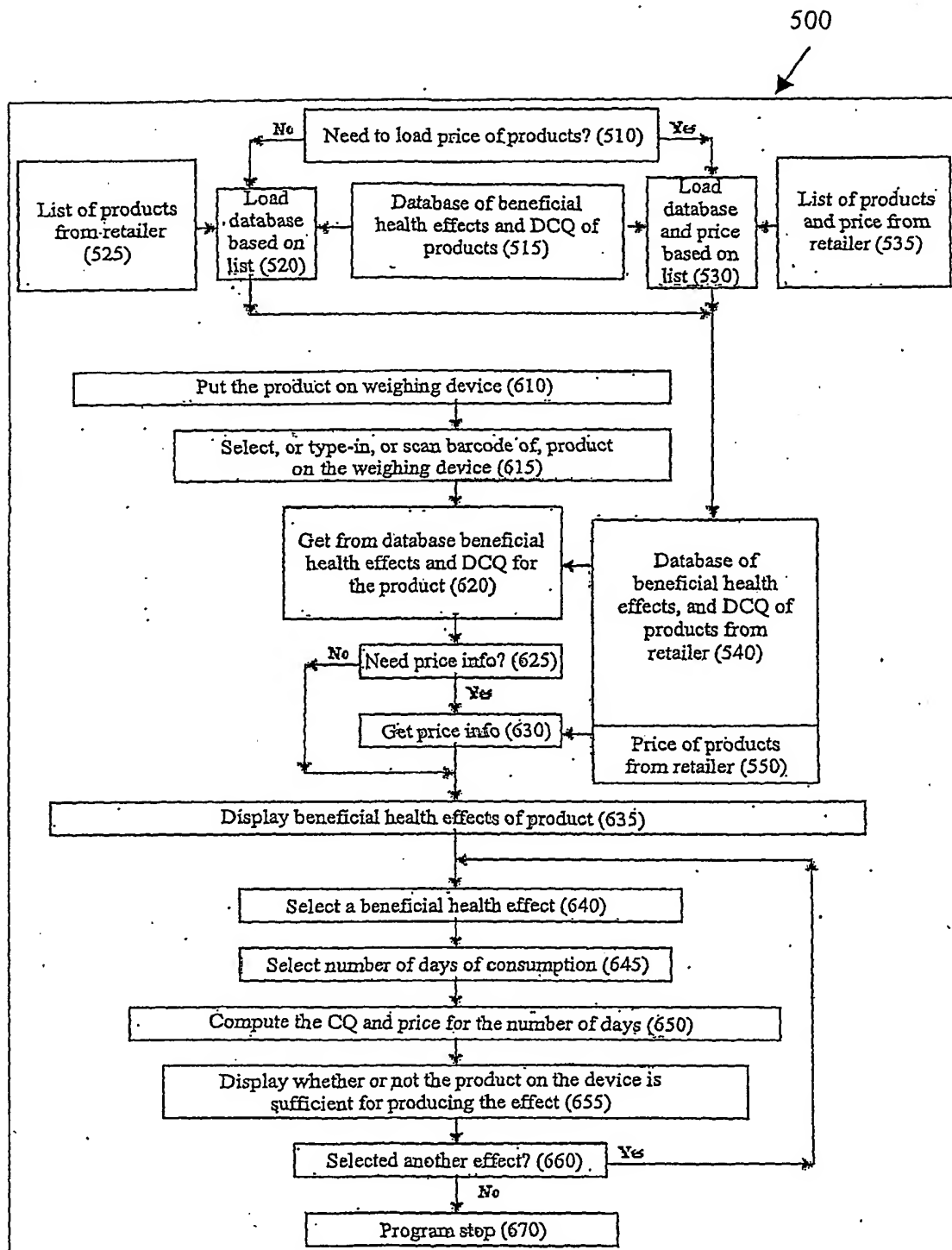
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FIGURE 3



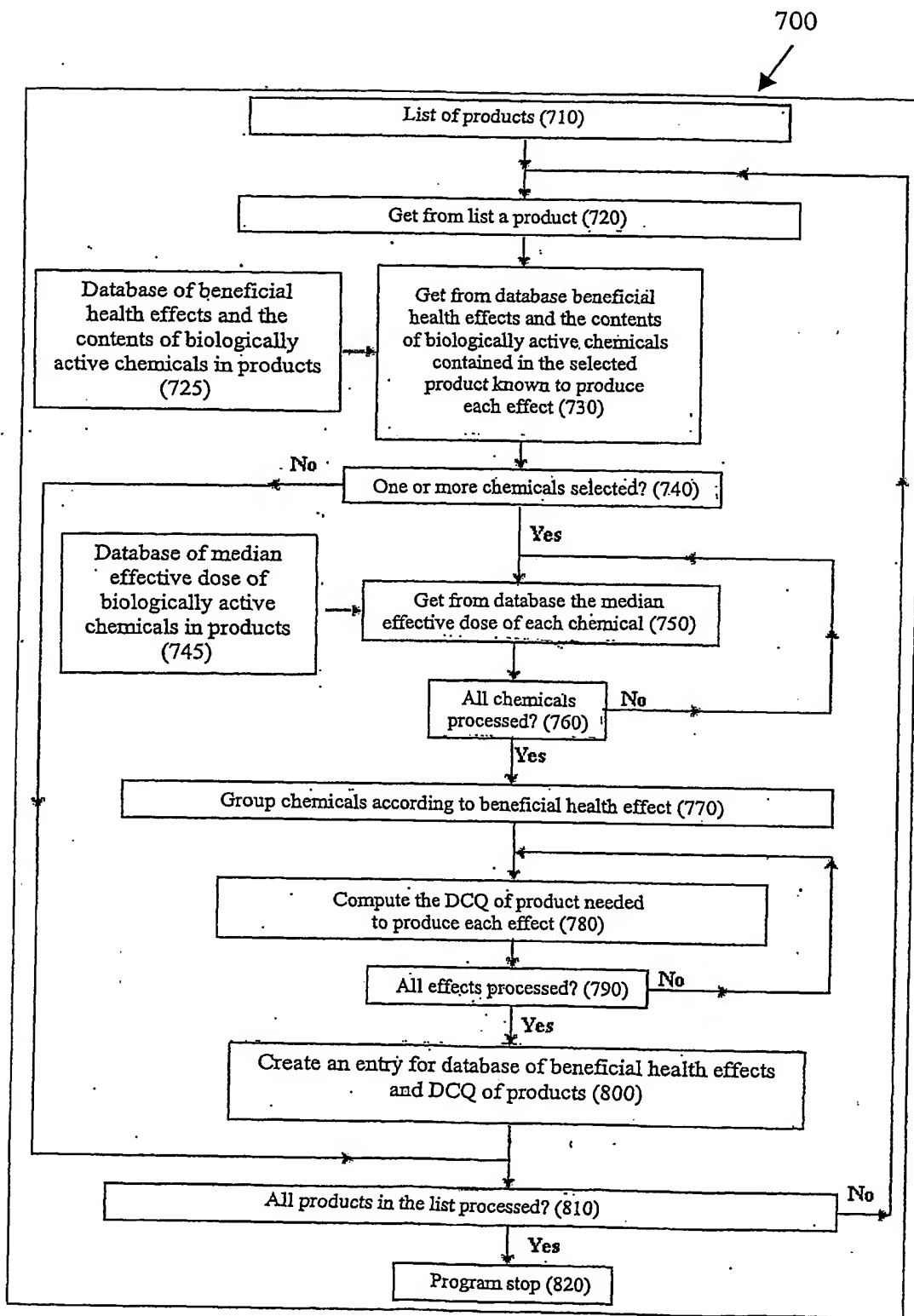
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FIGURE 4



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FIGURE 5



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FIGURE 6

**FBBC Consultant:**  
**Foodstuff and Botanicals Benefit and Consumption Consultant**

A database to provide information about the known health benefits or medical effects recommended daily consumption for foodstuff, botanicals, or herbal products.

[Click here for explanation of query method.](#)

Field Name	Match Text
Name of foodstuff or botanicals or herbal products	<input type="text"/> <small>Select</small>
Health or medical benefits	<input type="text"/> <small>Select</small>

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FIGURE 7

**FBBC Consultant:****Foodstuff and Botanicals Benefit and Consumption Consultant****Detailed Information**

Detailed Information	
Common Name	Tomato
Specific name	Amico tomato
Synonym	Pseudomonas syringae tomato
Area of origin	Godollo, Hungary
State of sample	Raw and fresh
Benefits and Consumption	
Health benefits or medical effect	Recommended Minimum Consumption
Anti-oxidant, Anti-aging	101 g/day
Anti-cancer (preventing prostate, lung, and stomach cancers)	169 g/day
Remarks	
Processed or cooked tomato provides more benefits	

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FIGURE 8

**Foodstuff and Botanical Ingredient and Content Database**

A database to provide information about the known health effects or medical effects for foodstuff and botanical product, known chemical ingredients and their contents, location of growth, collection time, post-collection processing status and method for composition analysis of these foodstuff and botanical products. Relevant references are provided as well.

Click [here](#) for explanation of query method.

Field Name	Match Text
Name of foodstuff or botanicals:	<input type="text"/>
Chemical name or CAS No.:	<input type="text"/>
Health or medical effect:	<input type="text"/> Select
Location of growth:	<input type="text"/> Select

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FIGURE 9

**FBIGD:****Foodstuff and Botanical Ingredient and Content Database**

## Detailed Information

FBIGD detailed information	
Common Name	Ginkgo
Latin Name	<i>Ginkgo biloba</i> L.
Indigenous Name	Yin xing, Ginkgo, Gingko
Collection Site	Nan Xiong, Guang Dong Province, China
Collection Time	Oct. 1994
State	Powder
Part for Analysis	Leaf
Health or Medical Effects	To aid circulatory problems in the elderly, especially insufficiency and the consequent cognitive effects, peripheral circulatory impairment, particularly intermittent claudication (poor circulation to the lower legs), and vertigo and tinnitus. To protect against altitude sickness and to mediate erectile dysfunction in males. To treat cerebral insufficiency such as Alzheimer's disease.
Analysis Method	HPLC
Compound Class	Flavonoids
Total Class Content	13.2mg/g
Reference	Chi Jing Rui, et al. Acta Pharmaceutica Sinica, 1997, 32(B):625-628
Ingredients and Content	
Compound Name	Content (of leaf)
quercetin	0.15 mg/g
kaempferol	1.3 mg/g
bilobetin	1.0 mg/g
ginkgetin	4.2 mg/g
sciadophtsin	6.5 mg/g

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FIGURE 10

**EDC database:**  
**Effective Dose of Chemicals**

A database to provide information about the known effective dose of chemicals for particular health or medical effects. It also contains CAS no, source of chemicals and possible toxicity. Relevant references are provided.

Click [here](#) for explanation of query method.

Field Name	Match Text
Chemical name:	<input type="text"/>
CAS No:	<input type="text"/>
Health or medical effect:	<input type="text"/> <input type="button" value="Select"/>
Source of chemical:	<input type="text"/>

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FIGURE 11

**EDC database:****Effective Dose of Chemicals****Detailed Information**

Detailed Information	
<b>Chemical Name</b>	Cucurbitacin B
<b>Synonym</b>	Amann, Fabacein II
<b>CAS No</b>	6199-67-3
<b>Source</b>	Towel gourd, melon
<b>Reference</b>	Ji, YB & Zhang, GM, Pharmacological Action and Application of Available Antitumor Composition of Traditional Chinese Medicine, Helongjiang Science and Technology publishing
Effective Dose	
Effect	Minimum Effective dose
Anti-cancer	In vitro: ED <sub>50</sub> = 0.005 $\mu$ g/ml
Anti-cancer	In vivo: 0.25~0.5mg/kg
Toxicity	
Stomach wash (mouse)	LD <sub>50</sub> = (14 $\pm$ 3)mg/kg
Hypo-injection (mouse)	LD <sub>50</sub> = (1.0 $\pm$ 0.07)mg/kg

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